

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18383	engine same block same cylinder	US-PGPUB; USPAT	OR	ON	2005/01/27 08:13
L2	2209	engine same block same cylinder same (movement or displacement)	US-PGPUB; USPAT	OR	ON	2005/01/27 08:19
L3	681	engine same block same cylinder same (movement or displacement) same mount\$5	US-PGPUB; USPAT	OR	ON	2005/01/27 08:15
L4	2880	engine same cylinder same balanc\$5	US-PGPUB; USPAT	OR	ON	2005/01/27 08:15
L5	71	3 and 4	US-PGPUB; USPAT	OR	ON	2005/01/27 08:19
L6	1772	cylinder same engine same contribut\$6	US-PGPUB; USPAT	OR	ON	2005/01/27 08:19
L7	124	2 and 6	US-PGPUB; USPAT	OR	ON	2005/01/27 08:21
L8	3930	engine same test\$5 same cylinder	US-PGPUB; USPAT	OR	ON	2005/01/27 08:22
L9	276	8 and 6	US-PGPUB; USPAT	OR	ON	2005/01/27 08:22
L10	0	("2003/0236611").URPN.	USPAT	OR	ON	2005/01/27 08:22
L11	3	("5396427").URPN.	USPAT	OR	ON	2005/01/27 08:35
L12	53	("5041980").URPN.	USPAT	OR	ON	2005/01/27 08:48
L13	3734	engine same block same movement	US-PGPUB; USPAT	OR	ON	2005/01/27 08:48
L14	148	measur\$5 same engine same block same movement	US-PGPUB; USPAT	OR	ON	2005/01/27 08:58
L15	405383	engine tester	US-PGPUB; USPAT	OR	ON	2005/01/27 08:58
L16	99	engine adj2 tester	US-PGPUB; USPAT	OR	ON	2005/01/27 08:59
L17	1	("6510732").URPN.	USPAT	OR	ON	2005/01/27 09:02
L18	15	("3705516"   "4010637"   "4271469"   "4370964"   "4607602"   "4895121"   "5119783"   "5190011"   "5214960"   "5537967"   "5608633"   "5777228"   "5907098"   "6105552"   "6289735").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/27 09:03
L19	10	("5515712").URPN.	USPAT	OR	ON	2005/01/27 09:22
L20	28	Dynamometer	US-PGPUB; USPAT	OR	ON	2005/01/27 09:22
L21	3875	Dynamometer	US-PGPUB; USPAT	OR	ON	2005/01/27 09:22

L22	1810	Dynamometer and engine	US-PGPUB; USPAT	OR	ON	2005/01/27 09:22
L23	437	Dynamometer and (engine same block)	US-PGPUB; USPAT	OR	ON	2005/01/27 09:22
L24	32	Dynamometer and (engine same block same move\$5)	US-PGPUB; USPAT	OR	ON	2005/01/27 09:25
L25	261	(measur\$5 same engine same block same move\$5)	US-PGPUB; USPAT	OR	ON	2005/01/27 09:36
L26	109	(measur\$5 same engine same block same displacement)	US-PGPUB; USPAT	OR	ON	2005/01/27 09:48
L27	326	measur\$5 same engine same block same (displacement or movement or vibration)	US-PGPUB; USPAT	OR	ON	2005/01/27 09:48
L28	6	(laser or doppler) and 26	US-PGPUB; USPAT	OR	ON	2005/01/27 09:49
L29	11	("5087881" "5978727" "5524480"  "5241480" "4812979" "5663493"  "3503256" "4379900" "5004979"  "3982193" "3771047").PN.	US-PGPUB; USPAT	OR	ON	2005/01/27 10:27

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10695806 on January 27, 2005

## Original Classifications

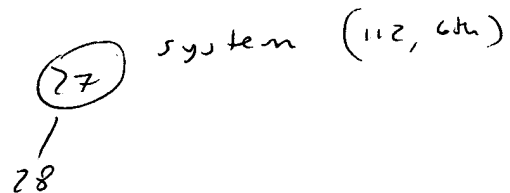
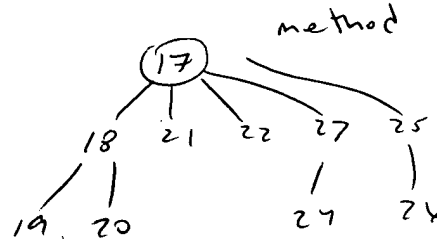
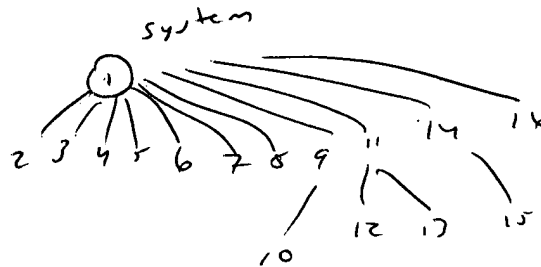
3 73/116  
3 73/117.3  
3 345/440.1  
2 123/18A  
2 123/41.74  
2 123/56.8  
2 123/90.31

## Cross-Reference Classifications

9 701/102  
7 73/117.3  
4 324/379  
3 73/116  
2 324/121R  
2 701/99  
2 702/67

## Combined Classifications

10 73/117.3  
10 701/102  
6 73/116  
4 324/379  
4 345/440.1  
3 123/90.31  
2 73/119A  
2 123/18A  
2 123/41.74  
2 123/436  
2 123/549  
2 123/56.8  
2 324/121R  
2 345/440.2  
2 701/101  
2 701/99  
2 702/67



Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10695806 on January 27, 2005

10 73/117.3 (3 OR, 7 XR)  
Class 073 : MEASURING AND TESTING  
73/116 MOTOR AND ENGINE TESTING  
73/117.2 .Disparate tests under operating conditions  
73/117.3 ..With continuous operation

10 701/102 (1 OR, 9 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
INDICATION  
701/99 .With indicator or control of power plant  
(e.g., performance)  
701/101 ..Internal-combustion engine  
701/102 ...Digital or programmed data processor

6 73/116 (3 OR, 3 XR)  
Class 073 : MEASURING AND TESTING  
73/116 MOTOR AND ENGINE TESTING

4 324/379 (0 OR, 4 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/378 INTERNAL-COMBUSTION ENGINE IGNITION SYSTEM OR  
DEVICE  
324/379 .with analysis of displayed waveform

4 345/440.1 (3 OR, 1 XR)  
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
SYSTEMS  
345/418 COMPUTER GRAPHICS PROCESSING  
345/440 .Graph generating  
345/440.1 ..Real-time waveform display

3 123/90.31 (2 OR, 1 XR)  
Class 123 : INTERNAL-COMBUSTION ENGINES  
123/90.1 POPPET VALVE OPERATING MECHANISM  
123/90.31 .Camshaft drive means

2 73/119A (1 OR, 1 XR)  
Class 073 : MEASURING AND TESTING  
73/116 MOTOR AND ENGINE TESTING  
73/119R .Motor part  
73/119A ..Fuel injection tests

2 123/18A (2 OR, 0 XR)  
Class 123 : INTERNAL-COMBUSTION ENGINES  
123/18R OSCILLATING PISTON  
123/18A .Toroidal cylinder

2 123/41.74 (2 OR, 0 XR)  
Class 123 : INTERNAL-COMBUSTION ENGINES  
123/41.01 COOLING  
123/41.72 .with jacketed head and/or cylinder  
123/41.74 ..Multiple cylinder

2 123/436 (1 OR, 1 XR)  
Class 123 : INTERNAL-COMBUSTION ENGINES  
123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)

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123/436      .Including means responsive to instantaneous
              change in engine speed

2  123/549      (1 OR, 1 XR)
    Class 123 : INTERNAL-COMBUSTION ENGINES
    123/434      CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL)

    123/543      .Heating of combustible mixture
    123/549      ..Electric heater

2  123/56.8      (2 OR, 0 XR)
    Class 123 : INTERNAL-COMBUSTION ENGINES
    123/52.1      MULTIPLE CYLINDER
    123/56.1      .Having rotary output shaft parallel to
                  cylinders
    123/56.2      ..Cam on rotary output shaft
    123/56.8      ...Motion converting means between two banks of
                  cylinders

2  324/121R      (0 OR, 2 XR)
    Class 324 : ELECTRICITY: MEASURING AND TESTING
    324/76.11     MEASURING, TESTING, OR SENSING ELECTRICITY, PER
                  SE
    324/121R      .Cathode ray (e.g., magic eye)

2  345/440.2      (1 OR, 1 XR)
    Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
                  INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY
                  SYSTEMS
    345/418      COMPUTER GRAPHICS PROCESSING
    345/440      .Graph generating
    345/440.2    ..Bar graph

2  701/101      (1 OR, 1 XR)
    Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
                  RELATIVE LOCATION
    701/1        VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                  INDICATION
    701/99       .with indicator or control of power plant
                  (e.g., performance)
    701/101      ..Internal-combustion engine

2  701/99      (0 OR, 2 XR)
    Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
                  RELATIVE LOCATION
    701/1        VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                  INDICATION
    701/99       .with indicator or control of power plant
                  (e.g., performance)

2  702/67      (0 OR, 2 XR)
    Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
                  TESTING
    702/1        MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
    702/57       .Electrical signal parameter measurement system

    702/66       ..Waveform analysis
    702/67       ...Display of waveform

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PLUS Search Results for S/N 10695806, Searched January 27, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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